

11

11. The coupling system as defined in claim 1 wherein the first side extends along a first longitudinal axis and the second side extends along a second longitudinal axis;

wherein the first snap fitting mechanism comprises a first plurality of ribs and a first plurality of slots, separated from the first plurality of ribs by the first longitudinal axis; and

wherein the first plurality of ribs mate with a corresponding second plurality of slots on the second side and the first plurality of slots mate with a corresponding second plurality of ribs on the second side.

12. The coupling system as defined in claim 11 wherein the first side is substantially identical to the second side.

13. The coupling system as defined in claim 11 at least the first side is sufficiently resilient to permit the first snap fitting mechanism to mate with the second snap fitting mechanism.

14. The coupling system of claim 1, wherein the coupling system is configured to be installed within a building as part of a raceway for protecting cables, wherein the first side of the coupling device is releasable from the second side of the coupling device to facilitate changes in a design of the raceway once installed in the building.

15. The coupling system of claim 1, wherein the coupling system is configured to be installed within a building as part of a raceway for protecting cables, wherein the cables are routed through the at least two corrugated conduits and wherein the first side of the coupling device is releasable from the second side of the coupling device to provide access to the cables in the raceway once installed in the building.

16. A raceway for protecting cables in a building comprising a coupling system according to claim 1, wherein the first side of the coupling device is releasable from the second side of the coupling device to facilitate changes in a design of the raceway once installed in the building.

17. A raceway for protecting cables in a building comprising a coupling system according to claim 1, wherein the cables are routed through the at least two corrugated conduits and wherein the first side of the coupling device is releasable from the second side of the coupling device to provide access to the cables in the raceway once installed in the building.

18. A coupling system comprising:

at least two corresponding corrugated conduits, wherein at least one corresponding corrugated conduit has a first diameter and at least one corrugated conduit has a second diameter larger than the first diameter; and

a coupling device to couple the at least two corresponding conduits together, said coupling device comprising:

a first side having a first perimeter;

a second side, separate from the first side, having a second perimeter;

a first snap fitting mechanism extending along at least a first portion of the first perimeter;

a second snap fitting mechanism extending along at least a second portion of the second perimeter, said first snap fitting mechanism mating with the second snap fitting mechanism to releasably secure the first side to the second side to form the coupling device, said coupling device having a main body communicating with at least two openings;

wherein said at least two openings are each sized to create an interference fit with an end of the at least two corresponding conduits when the first side is releasably secured to the second side;

wherein said at least two openings each form an interference fit with the end of the at least two corresponding

12

corrugated conduits by being sized to have an opening rib fit into a corrugation of the at least two corresponding corrugated conduits; and

wherein the at least two openings each have a conical end with pre-scored cut lines aligned with corresponding opening ribs along the at least two openings to permit the conical ends to be cut at the first diameter or the second diameter, such that, after the conical ends are cut at one of the pre-scored cut lines aligned with the corresponding opening ribs, the conical ends have opening ribs which engage the corrugation of each of the at least two corresponding corrugated conduits having the first diameter and the second diameter.

19. The coupling system as defined in claim 18 wherein the first side extends along a first longitudinal axis and the second side extends along a second longitudinal axis; and

wherein the first snap fitting mechanism mates with the second snap fitting mechanism when the first side faces the second side and the first longitudinal axis is aligned with the second longitudinal axis.

20. A method of coupling conduits, said method comprising:

providing a first side of a coupling device, said first side having a first snap fitting mechanism and at least two U-shaped channels;

providing a second side of the coupling device, separate from the first side, said second side having a second snap fitting mechanism which mates with the first snap fitting mechanism;

providing at least two corresponding corrugated conduits, wherein at least one corresponding corrugated conduit has a first conduit diameter and at least one corrugated conduit has a second conduit diameter different from the first conduit diameter, and wherein the at least two U-shaped channels of the first side and the second side are tapered and have pre-scored cut lines corresponding to the first conduit diameter and the second conduit diameter with opening ribs to engage corrugations of the first conduit diameter or the second conduit diameter such that the at least two U-shaped channels form openings sized to create an interference fit with the ends of the at least two corresponding corrugated conduits;

severing a section of the at least two U-shaped channels of the first side and the second side at the pre-scored cut lines to match one of the first conduit diameter or the second conduit diameter corresponding to each of the at least two corresponding corrugated conduits;

placing in each U-shaped channel an end of one of the at least two corresponding corrugated conduits; and

releasably securing the first side to the second side by mating the first snap fit mechanism to the second snap fit mechanism to form the coupling device such that at least the two U-shaped channels of the first side mate with at least two channels of the second side to form at least two openings sized to engage the ends of the at least two corresponding corrugated conduits with the opening ribs of the at least two openings forming the interference fit with the at least two corresponding conduits by having the opening ribs associated with one of the pre-scored lines sized to fit into a corrugation near an end of the at least two corresponding corrugated conduits when the U-shaped channels of the first side and the second side are severed at the pre-cut score line.

21. The method of claim 20 wherein the first side is substantially identical to the second side.